

## INFORMATION DISCLOSURE STATEMENT

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ATTY. DOCKET NO.

2003B111

SERIAL NO.

Unassigned

APPLICANT

Janssen et al.

FILING DATE

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GROUP

Unassigned

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JB	4,014,913	03/29/77	Ellgen et al.	260	449	
	4,111,837	09/05/78	Taylor	252	430	
	4,122,110	10/24/78	Sugier et al.	260	449.5	
	4,133,966	01/09/79	Pretzer et al.	568	902	
	4,233,466	11/11/80	Fiato	568	902	
	4,239,924	12/16/80	Pretzer et al.	568	902	
	4,239,925	12/16/80	Pretzer et al.	568	902	
	4,253,987	03/03/81	Fiato	252	429 R	
	4,270,015	05/26/81	Knifton	585	324	
	4,304,946	12/08/81	Isogai et al.	568	902	
	4,324,927	04/13/82	Gauthier-Lafaye et al.	568	902	
	4,328,379	05/04/82	Devon	568	902	
	4,339,545	07/13/82	Knifton	518	700	

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
JB	GB 2 083 465	03/24/82	United Kingdom	C07C	29/32		

## OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)


EXAMINER

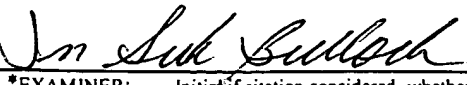
DATE CONSIDERED

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\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next comment to applicant

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
DB		4,371,724	02/01/83	Lin et al.	568	902		
		4,424,383	01/03/84	Cornils et al.	568	902		
		4,424,384	01/03/84	Lin et al.	568	902		
		4,622,343	11/11/86	Knifton et al.	518	700		
		4,670,620	06/02/87	Jacobs et al.	585	640		
		4,698,452	10/06/87	Le Van Mao et al.	585	640		
		4,751,248	06/14/88	Lin et al.	518	707		
		4,752,623	06/21/88	Stevens et al.	518	714		
		4,825,013	04/25/89	Quarderer et al.	568	902.2		
		4,954,665	09/04/90	Vidal	568	902.2		
		5,070,016	12/03/91	Hallberg	435	132		
		5,169,869	12/08/92	Miller et al.	518	713		
		5,493,064	02/20/96	Vanderspurt et al.	568	905		
		5,627,295	05/06/97	Sofianos et al.	556	27		
		5,657,421	05/26/98	Choudhary et al.	502	328		
✓		2001/0047040	11/29/01	Agee et al.	518	704		
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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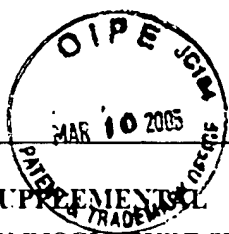
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					2003B111		10/716,685	
					APPLICANT			
					Janssen et al.			
					FILING DATE		GROUP	
November 19, 2003		Unassigned						
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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
JB	AA	4,398,050	08/09/83	Hofstadt et al	585	640		
JB	AB	4,596,782	06/24/86	Courty, et al	502	302		
JB	AC	4,638,106	01/20/87	Pieters et al	585	640		
JB	AD	4,791,141	12/13/88	Chaumette et al	518	713		
	AE							
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FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
JB	AN	DD 257 740	29.06.88	German Democratic Republic				X
JB	AO	DE 31 13 838	07.01.82	Federal Republic of Germany				X
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)								
JB	AP	DialogIP Abstract for DD 257740, June 29, 1988						
JB	AQ	DialogIP Abstract for DE 31 13 838, January 7, 1982						
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				2003B111		10/716,685		
				APPLICANT				
				Janssen et al.				
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November 19, 2003		1621						
U.S. PATENT DOCUMENTS								
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FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
JB	AG	2004/060841	22.07.04	PCT				
JB	AH	EP 109 645	05/30/84	Europe				X
JB	AI	GB 2 078 745	01/13/82	Great Britian			X	
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)								
JB	AJ	Thomson Derwent Abstract for EP 109 645, May 30, 1984 entitled "Simultaneous Production of Methanol and Ethanol"						
JB	AK	J P Leonard et al: "Non-Conventional Sources for Ethylene?" Energy Progress, vol. 1, no. 1-4, 1981, pages 41-44 US New York, NY						
JB	AL	Database Chemabs 'Online! Chemical Abstracts Service, Columbus, Ohio, US; Takeuchi, Kazuhiko: "Synthetic process of basic chemicals from syngas", retrieved from STN Database accession no. 1997: 2165 *abstract* & Shokubai, 38(8), 604-610 Coden: Shkuaj; ISSN: 0559-8958, 1996						
EXAMINER				DATE CONSIDERED				
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**2003B111**

SERIAL NO.

**10/716,685**

APPLICANT

**Janssen et al.**

FILING DATE

**November 19, 2003**

GROUP

**1621**

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>JB</i>	AA	4,605,677	08/12/86	Knifton	518	700	
<i>JB</i>	AB	6,441,262	08/27/02	Fung et al	585	640	
	AC						
	AD						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBL DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AE							
	AF							

## OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)

<i>JB</i>	AH	U.S. Application No. 10/717,006 filed November 19, 2003, "Controlling The Ratio Of Ethylene To Propylene Produced In A Methanol/Ethanol Conversion Process", Inventors: Jaimes Sher, Cor F. van Egmond, Luc R.M. Martens, Marcel Janssen, James Lattner, and Teng Xu, (Attorney Docket No. 2003B112)
<i>JB</i>	AI	U.S. Application No. 10/716,894 filed November 19, 2003, "Methanol And Ethanol Production For An Oxygenate To Olefin Reaction System", Inventors: Cor F. van Egmond, Andrew Argo, Teng Xu, Marcel Janssen, and Jaimes Sher, (Attorney Docket No. 2003B113)
<i>JB</i>	AK	Japanese Journal article Kazuhiko Takeuchi, "Synthetic Process of Basic Chemicals from Syngas," 38(8) Shokubai Gakkai pp. 604-610 (1996). (Abstract)




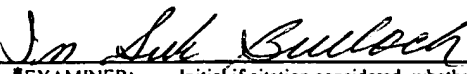
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	AF							
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)								
	AH	Scheeline, et al, "Ethylene By Methanol Homologation", Process Economics Program, SRI International, Menio Park, California, PEP Review No. 80-1-3, (March 1981), pp. 1-20						
	AI	"Alternative Fuels and Chemicals From Synthesis Gas", Technical Progress Report No. 37, For the Period 1 January - 31 March 1999, Air Products and Chemicals, Inc., Prepared for the United States Department of Energy, pp. 1-26						
	AJ	Norcio, et al, "Higher Alcohol Synthesis From Methanol or Syngas", Department of Chemical Engineering, pp. 37-41						
	AK							
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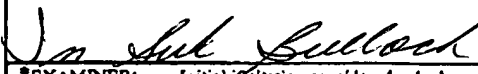
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	AB	6,441,262	08/2002				
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OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)							
	AH	Yamamoto and Inui, "Highly Effective Synthesis of Ethanol from CO <sub>2</sub> on Fe, Cu-Based Novel Catalysts", <i>Advances in Chemical Conversions for Mitigating Carbon Dioxide</i> , Studies in Surface Science and Catalysis, Vol. 114, 1998 Elsevier Science B.V., pp. 513 - 516					
	AI						
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